

# East USPAT, USPB - Update - 7/031

L Number	Hits	Search Text	DB	Time stamp
1	43927	\$hydroxylamine\$ or (hydroxyl with amine)	USPAT; US-PGPUB	2003/07/11 23:17
2	156150	koh or (potassium with hydroxide) or caustic	USPAT; US-PGPUB	2003/07/11 23:17
3	17494	(p or phosphorus) near10 dop\$ near10 (si or silicon)	USPAT; US-PGPUB	2003/07/11 23:18
4	2043806	etch\$ or patern\$ or remov\$ or clean\$	USPAT; US-PGPUB	2003/07/11 23:18
5	0	(\$hydroxylamine\$ or (hydroxyl with amine)) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)	USPAT; US-PGPUB	2003/07/11 23:19
6	96	(koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)	USPAT; US-PGPUB	2003/07/11 23:19
7	1	((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) same (oxide? or sio or sio2)	USPAT; US-PGPUB	2003/07/11 23:20
8	95	((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) not (((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) same (oxide? or sio or sio2))	USPAT; US-PGPUB	2003/07/11 23:20
9	93	((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) not (((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) same (oxide? or sio or sio2))) and (semiconduct\$ or wafer? or chip?)	USPAT; US-PGPUB	2003/07/11 23:21
10	23	((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) same selectiv\$	USPAT; US-PGPUB	2003/07/11 23:31
11	18	((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) not (((koh or (potassium with hydroxide) or caustic) same ((p or phosphorus) near10 dop\$ near10 (si or silicon)) same (etch\$ or patern\$ or remov\$ or clean\$)) same (oxide? or sio or sio2))) and (semiconduct\$ or wafer? or chip?) and (capacitor or dram or sram or mram or ram)	USPAT; US-PGPUB	2003/07/11 23:31

STN 8 Caplus, Japio, Inspec, USPAT  
(FILE 'HOME' ENTERED AT 22:37:35 ON 11 JUL 2003)

Update  
7-03'

FILE 'REGISTRY' ENTERED AT 22:37:46 ON 11 JUL 2003

L1 0 S KOH/MF  
L2 1 S POTASSIUM HYDROXIDE/CN  
L3 5954 S ?HYDROXYLAMINE?/CNS  
L4 1684 S SILICON OXIDE/CNS  
L5 21906 S ?SILICATE?/CNS  
L6 212 S GLASS/CNS OR QUARTZ/CNS

FILE 'CAPLUS' ENTERED AT 22:39:02 ON 11 JUL 2003

L7 11599 S (P OR PHOSPHORUS?)(10A)DOP?(10A)(SI OR SILICON)  
L8 41 S L7 AND (L2 OR KOH OR POTASSIUM(W)HYDROXIDE OR CAUSTIC)  
L9 0 S L7 AND (L3 OR ?HYDROXYLAMIN?)  
L10 41 S L8 OR L9  
L11 17 S L10 AND (OXIDE? OR L4 OR L5 OR L6 OR SIO OR SIO2)  
L12 15 S L11 AND (ETCH? OR PATTERN? OR CLEAN? OR REMOV? OR PATTERN?)

FILE 'JAPIO' ENTERED AT 22:41:46 ON 11 JUL 2003

L13 3 S L12  
L14 3 S L11

FILE 'CAPLUS' ENTERED AT 22:42:13 ON 11 JUL 2003

L15 2 S L11 NOT L12

FILE 'INSPEC' ENTERED AT 22:42:30 ON 11 JUL 2003

L16 2 S L11

FILE 'USPAT2' ENTERED AT 22:42:58 ON 11 JUL 2003

L17 38 S L11  
L18 3 S L7(P)(L2 OR KOH OR POTASSIUM(W)HYDROXIDE OR CAUSTIC)  
L19 0 S L7(P)(L3 OR ?HYDROXYLAMIN?)  
L20 1 S L18(P)(OXIDE? OR L4 OR L5 OR L6 OR SIO OR SIO2)  
L21 3 S L17 AND L18  
L22 8 S L7(3P)(L2 OR KOH OR POTASSIUM(W)HYDROXIDE OR CAUSTIC)  
L23 0 S L7(3P)(L3 OR ?HYDROXYLAMIN?)  
L24 3 S L22(3P)(OXIDE? OR L4 OR L5 OR L6 OR SIO OR SIO2)  
L25 2 S L24 NOT L20